



U.S. Department of Energy
Office of River Protection

P.O. Box 450, MSIN H6-60
Richland, Washington 99352

AUG 17 2007

0073714

07-ESQ-130

Ms. Jane A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

RECEIVED
AUG 20 2007

EDMC

Dear Ms. Hedges:

SUBMITTAL OF HANFORD FACILITY RESOURCE CONSERVATION AND RECOVERY
ACT (RCRA) PERMIT MODIFICATION NOTIFICATION FORM 24590-LAW-PCN-ENV-
07-001

Reference: WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource
Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of
Dangerous Waste, Part III, Operating Unit 10, 'Waste Treatment and
Immobilization Plant.'"

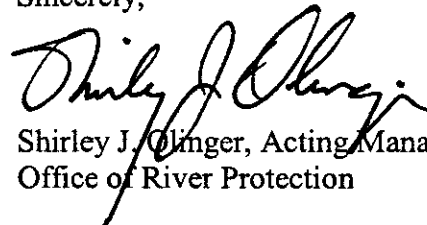
This letter submits the Hanford Facility RCRA Permit Modification Notification Form 24590-
LAW-PCN-ENV-07-001 (Attachment 1). The form describes a requested Class 1 modification
to the Reference requiring approval from the Washington State Department of Ecology
(Ecology). A Bechtel National, Inc. certification statement is provided in Attachment 2.

Modification Notification Form 24590-LAW-PCN-ENV-07-001 updates the Piping and
Instrumentation Diagrams (24590-LAW-M6-LFP-P0001 and 24590-LAW-M6-LFP-P0003) for
the Low-Activity Waste Melter Feed Process System, Melter Feed Preparation, and Melter Feed
(LFP-VSL-00001/2/3/4) found in Appendix 9.2 of the Reference.

Ecology was provided an opportunity to review the modification notification form and the
associated information and comments were dispositioned.

If you have any questions, please contact me, or your staff may contact Lori A. Huffman, Office
of Environmental Safety and Quality, (509) 376-0104.

Sincerely,


Shirley J. Olinger, Acting Manager
Office of River Protection

ESQ:LAH

Attachments: (2)

cc: See page 2

Ms. Jane A. Hedges
07-ESQ-130

-2-

AUG 17 2007

cc w/attachs:

Administrative Record *H-0-8*
BNI Correspondence
Environmental Portal, LMSI

cc electronic:

W. S. Elkins, BNI
B. G. Erlandson, BNI
P. A. Fisher, BNI
J. S. Hill, BNI
S. Murdock, BNI
P. Peistrup, BNI
D. Robertson, BNI
B. Becker-Khaleel, Ecology
E. A. Fredenburg, Ecology
T. Gao, Ecology
A. A. Hamar, Ecology
S. A. Thompson, FHI
A. C. McKarns, RL
D. J. Sommer, SCS

cc w/o attachs:

D. A. Klein, BNI
J. Cox, CTUIR
S. Harris, CTUIR
L. Cusack, Ecology
S. L. Dahl, Ecology
G. P. Davis, Ecology
G. Bohnnee, NPT
K. Niles, Oregon Energy
R. Jim, YN

Attachment 1
07-ESQ-130

Hanford Facility RCRA Permit Modification Notification
Form 24590-LAW-PCN-ENV-07-001

Quarter Ending 9/30/07

24590-LAW-PCN-ENV-07-001

Hanford Facility RCRA Permit Modification Notification Form**Part III, Operating Unit 10****Waste Treatment and Immobilization Plant****Index**

Page 2 of 3: Hanford Facility RCRA Permit, Operating Unit 10, Waste Treatment and Immobilization Plant
Update LAW Vitrification Building Piping and Instrumentation Diagrams (P&ID) for the LAW Melter Feed
Process System Melter 1 and 2 Feed Preparation and Feed (LFP-VSL-00001, LFP-VSL-00002, LFP-VSL-
00003, and LFP-VSL-00004) in Appendix 9.2 of the Dangerous Waste Permit.

Submitted by Co-Operator:

D. A. Klein
D. A. Klein

7/24/07
Date

Reviewed by ORP Program Office:

S. J. Olinger
S. J. Olinger

8-17-07
Date

¹ Class 1 modifications requiring prior Agency approval.

² If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if applicable.

Quarter Ending 9/30/07

24590-LAW-PCN-ENV-07-001

Hanford Facility RCRA Permit Modification Notification Form

Unit:

Waste Treatment and Immobilization Plant

Permit Part & Chapter:

Part III, Operating Unit 10Description of Modification:

The purpose of this Class 1 prime modification is to update the following Piping and Instrumentation Diagrams (P&IDs) for the LAW Melter Feed Process System Melter 1 and 2 Feed Preparation and Feed (LFP-VSL-00001, LFP-VSL-00002, LFP-VSL-00003, and LFP-VSL-00004). The following permitted P&IDs are submitted to replace those currently in Appendix 9.2.

Appendix 9.2

Replace:	24590-LAW-M6-LFP-P0001, Rev. 1	With:	24590-LAW-M6-LFP-P0001, Rev. 2
	24590-LAW-M6-LFP-P0003, Rev. 1		24590-LAW-M6-LFP-P0003, Rev. 2

The referenced P&IDs are complete revisions. They incorporate changes provided in applicable document change forms (e.g., DCN, SCN, SDDR, FCN, FCR, etc.) and changes associated with the resolution to comments on change documents since the issuance of the last revision of the permit drawing. This modification requests Ecology approval and incorporation into the permit the specific changes to these P&IDs that are indicated by note 42 shown on the drawings. The following is a summary of significant changes on the attached drawings.

24590-LAW-M6-LFP-00001

- Added slope notation to specific lines
- Revised and added new notes
- Rerouted sample supply and return lines
- Modified ASD pump discharge line valve numbers and added magnetic flow meters as applicable
- Capped nozzle N21 and added a line number
- Rerouted overflow lines and added branches for cleanout
- Changed quality designator of drawing from CM to Q
- Added various ITS identifiers
- Reworded various off-sheet connector descriptions

24590-LAW-M6-LFP-00003

- Added slope notation to specific lines
- Revised and added new notes
- Modified ASD pump discharge line valve numbers and added magnetic flow meters as applicable
- Capped nozzle N21 and added a line number
- Rerouted overflow lines and added branches for cleanout
- Changed quality designator of drawing from CM to Q
- Removed equipment description for LFP-BULGE-00003
- Added various ITS identifiers
- Reworded various off-sheet connector descriptions

¹ Class 1 modifications requiring prior Agency approval.

² If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if applicable.

Quarter Ending 9/30/07

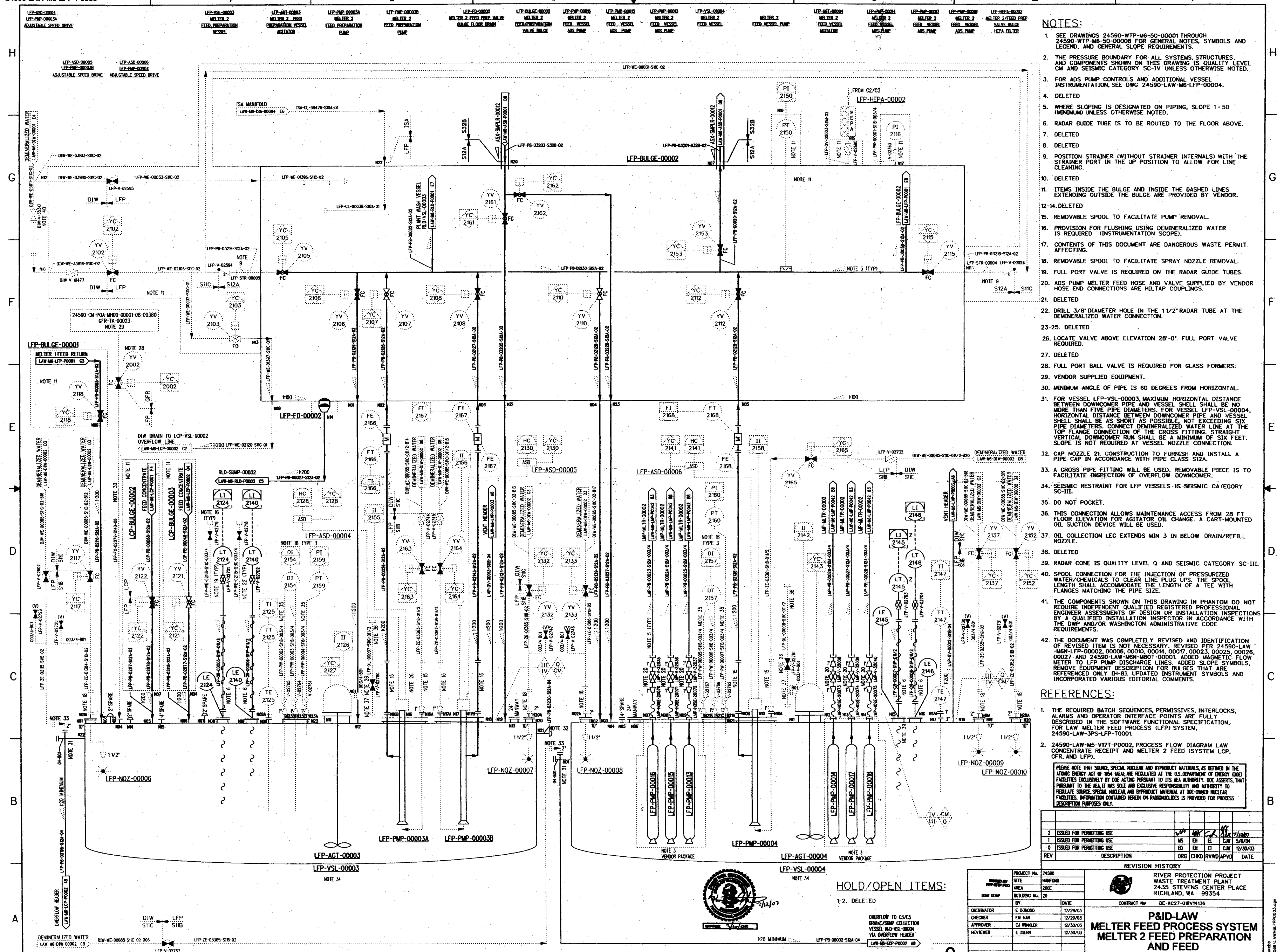
24590-LAW-PCN-ENV-07-001

The following is a list of outstanding change documents that have not been incorporated into this modification:

- 24590-LAW-M6N-LFP-00021

WAC 173-303-830 Modification Class: ^{1 2}	Class 1	Class ¹ 1	Class 2	Class 3
Please mark the Modification Class:		X		
Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A				
Enter wording of WAC 173-303-830, Appendix I Modification citation:				
In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class ¹ 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."				
Modification Approved: <input type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)			Reviewed by Ecology:	
Reason for denial:			B. Becker-Khaleel	
			Date	

24590-LAW-M6-LFP-P0003



NOTES:

- SEE DRAWINGS 24590-WTP-M6-SO-00001 THROUGH 24590-WTP-M6-SO-00008 FOR GENERAL NOTES, SYMBOLS AND LEGEND, AND GENERAL SLOPE REQUIREMENTS.
- THE PRESSURE BOUNDARY FOR ALL SYSTEMS, STRUCTURES, AND COMPONENTS SHOWN ON THIS DRAWING IS QUALITY LEVEL CM AND SEISMIC CATEGORY SC-IV UNLESS OTHERWISE NOTED.
- FOR ADS PUMP CONTROLS AND ADDITIONAL VESSEL INSTRUMENTATION, SEE DWG 24590-LAW-M6-LFP-00004.
- DELETED
- WHERE SLOPING IS DESIGNATED ON PIPING, SLOPE 1:50 (MINIMUM) UNLESS OTHERWISE NOTED.
- RADAR GUIDE TUBE IS TO BE ROUTED TO THE FLOOR ABOVE.
- DELETED
- DELETED
- POSITION STRAINER (WITHOUT STRAINER INTERNALS) WITH THE STRAINER PORT IN THE UP POSITION TO ALLOW FOR LINE CLEANING.
- DELETED
- ITEMS INSIDE THE BULGE AND INSIDE THE DASHED LINES EXTENDING OUTSIDE THE BULGE ARE PROVIDED BY VENDOR.
- DELETED
- REMOVABLE SPOOL TO FACILITATE PUMP REMOVAL.
- PROVISION FOR FLUSHING USING DEMINERALIZED WATER IS REQUIRED (INSTRUMENTATION SPEC).
- CONTENTS OF THIS DOCUMENT ARE DANGEROUS WASTE PERMIT AFFECTING.
- REMOVABLE SPOOL TO FACILITATE SPRAY NOZZLE REMOVAL.
- FULL PORT VALVE IS REQUIRED ON THE RADAR GUIDE TUBES.
- ADS PUMP MELTER FEED HOSE AND VALVE SUPPLIED BY VENDOR HOSE END CONNECTIONS ARE HILTIAP COUPLINGS.
- DELETED
- DRILL 3/8" DIAMETER HOLE IN THE 1 1/2" RADAR TUBE AT THE DEMINERALIZED WATER CONNECTION.
- DELETED
- LOCATE VALVE ABOVE ELEVATION 28'-0". FULL PORT VALVE REQUIRED.
- DELETED
- FULL PORT BALL VALVE IS REQUIRED FOR GLASS FORMERS.
- VENDOR SUPPLIED EQUIPMENT.
- MINIMUM ANGLE OF PIPE IS 60 DEGREES FROM HORIZONTAL.
- FOR VESSEL LFP-VSL-00003, MAXIMUM HORIZONTAL DISTANCE BETWEEN DOWNCOMER PIPE AND VESSEL SHALL BE NO MORE THAN FIVE PIPE DIAMETERS. FOR VESSEL LFP-VSL-00004, HORIZONTAL DISTANCE BETWEEN DOWNCOMER PIPE AND VESSEL SHALL BE AS SHORT AS POSSIBLE, NOT EXCEEDING SIX PIPE DIAMETERS. CONNECT DEMINERALIZED WATER LINE AT THE TOP FLANGE CONNECTION OF THE CROSS FITTING. STRAIGHT VERTICAL DOWNCOMER RUN SHALL BE A MINIMUM OF SIX FEET. SLOPE IS NOT REQUIRED AT VESSEL NOZZLE CONNECTION.
- CAP NOZZLE 21. CONSTRUCTION TO FURNISH AND INSTALL A PIPE CAP IN ACCORDANCE WITH PIPE CLASS STD.
- A CROSS PIPE FITTING WILL BE USED. REMOVABLE PIECE IS TO FACILITATE INSPECTION OF OVERFLOW DOWNCOMER.
- SEISMIC RESTRAINT FOR LFP VESSELS IS SEISMIC CATEGORY SC-III.
- DO NOT POCKET.
- THIS CONNECTION ALLOWS MAINTENANCE ACCESS FROM 28 FT FLOOR ELEVATION FOR AGITATOR OIL CHANGE. A CART-MOUNTED OIL SUCTION DEVICE WILL BE USED.
- OIL COLLECTION LEG EXTENDS MIN 3 IN BELOW DRAIN/REFILL NOZZLE.
- DELETED
- RADAR CONE IS QUALITY LEVEL Q AND SEISMIC CATEGORY SC-III.
- SPOOL CONNECTION FOR THE INJECTION OF PRESSURIZED WASTE CHEMICALS TO CLEAR LINE PLUS UPS. THE SPOOL LENGTH SHALL ACCOMMODATE THE LENGTH OF A TEE WITH FLANGES MATCHING THE PIPE SIZE.
- THE COMPONENTS SHOWN ON THIS DRAWING IN PHANTOM DO NOT REQUIRE INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER ASSESSMENT OF DESIGN OR INSTALLATION INSPECTIONS BY A QUALIFIED INSTALLATION INSPECTOR IN ACCORDANCE WITH THE DWP AND/OR WASHINGTON ADMINISTRATIVE CODE REQUIREMENTS.
- THE DOCUMENT WAS COMPLETELY REVISED AND IDENTIFICATION OF CHANGES IS NOT NECESSARY. REVISED PER 24590-LAW-M6-LFP-00002, 00006, 00010, 00014, 00017, 00023, 00025, 00026, 00027 AND 24590-LAW-M6-LFP-00001, ADDED MAGNETIC FLOW METER TO LFP PUMP DISCHARGE LINES. ADDED SLOPE SYMBOLS. REMOVE EQUIPMENT DESCRIPTION FOR BULGES THAT ARE REFERENCED ONLY IN-81. UPDATED INSTRUMENT SYMBOLS AND INCORPORATED VARIOUS EDITORIAL COMMENTS.

REFERENCES:

- THE REQUIRED BATCH SEQUENCES, PERMISSIVES, INTERLOCKS, ALARMS AND OPERATOR INTERFACE POINTS ARE FULLY DESCRIBED IN THE SOFTWARE FUNCTIONAL SPECIFICATION, FOR LAW MELTER FEED PROCESS (LFP) SYSTEM, 24590-LAW-3PS-LFP-00001.
- 24590-LAW-M6-V17T-P0002, PROCESS FLOW DIAGRAM LAW CONCENTRATE RECEIPT AND MELTER 2 FEED (SYSTEM LCP, GFR, AND LFP).

PLEASE NOTE THAT SOURCE, SPECIAL NUCLEAR AND BYPRODUCT MATERIALS, AS DEFINED IN THE ATOMIC ENERGY ACT OF 1954 (AS AMENDED) ARE REGULATED BY THE U.S. DEPARTMENT OF ENERGY (DOE) FACILITIES EXCLUSIVELY BY DOE ACTING PURSUANT TO ITS AREA AUTHORITY. DOE ASSESS, THAT PURSUANT TO THE AREA IT HAS SOLE AND EXCLUSIVE RESPONSIBILITY AND AUTHORITY TO REGULATE SOURCE, SPECIAL NUCLEAR, AND BYPRODUCT MATERIAL AT DOE-OWNED NUCLEAR FACILITIES. INFORMATION CONTAINED HEREIN OR SUBSEQUENT IS PROVIDED FOR PROCESS DESCRIPTION PURPOSES ONLY.

REV	DESCRIPTION	ORG	CHKD	RVWD	APVD	DATE
2	ISSUED FOR PERMITTING USE	MS	EH	EH	EH	12/29/03
1	ISSUED FOR PERMITTING USE	MS	EH	EH	EH	12/29/03
0	ISSUED FOR PERMITTING USE	ED	EH	EH	EH	12/30/03

REVISION HISTORY

RIVER PROTECTION PROJECT
WASTE TREATMENT PLANT
2435 STEVENS CENTER PLACE
RICHLAND, WA 99354

CONTRACT No. DE-AC27-03W14136

P&ID-LAW

MELTER FEED PROCESS SYSTEM
MELTER 2 FEED PREPARATION
AND FEED

24590-LAW-M6-LFP-P0003

REV 2

07/05/2007 08:18:21 AM

HOLD/OPEN ITEMS:

1-2. DELETED

OVERFLOW TO C/S/C5

VESSEL RLD-VSL-00004

VIA OVERFLOW HEADER

LAW-M6-LFP-P0002, 02

Q

QUALITY CONTROL

CONT

CONT

CONT

CONT

CONT

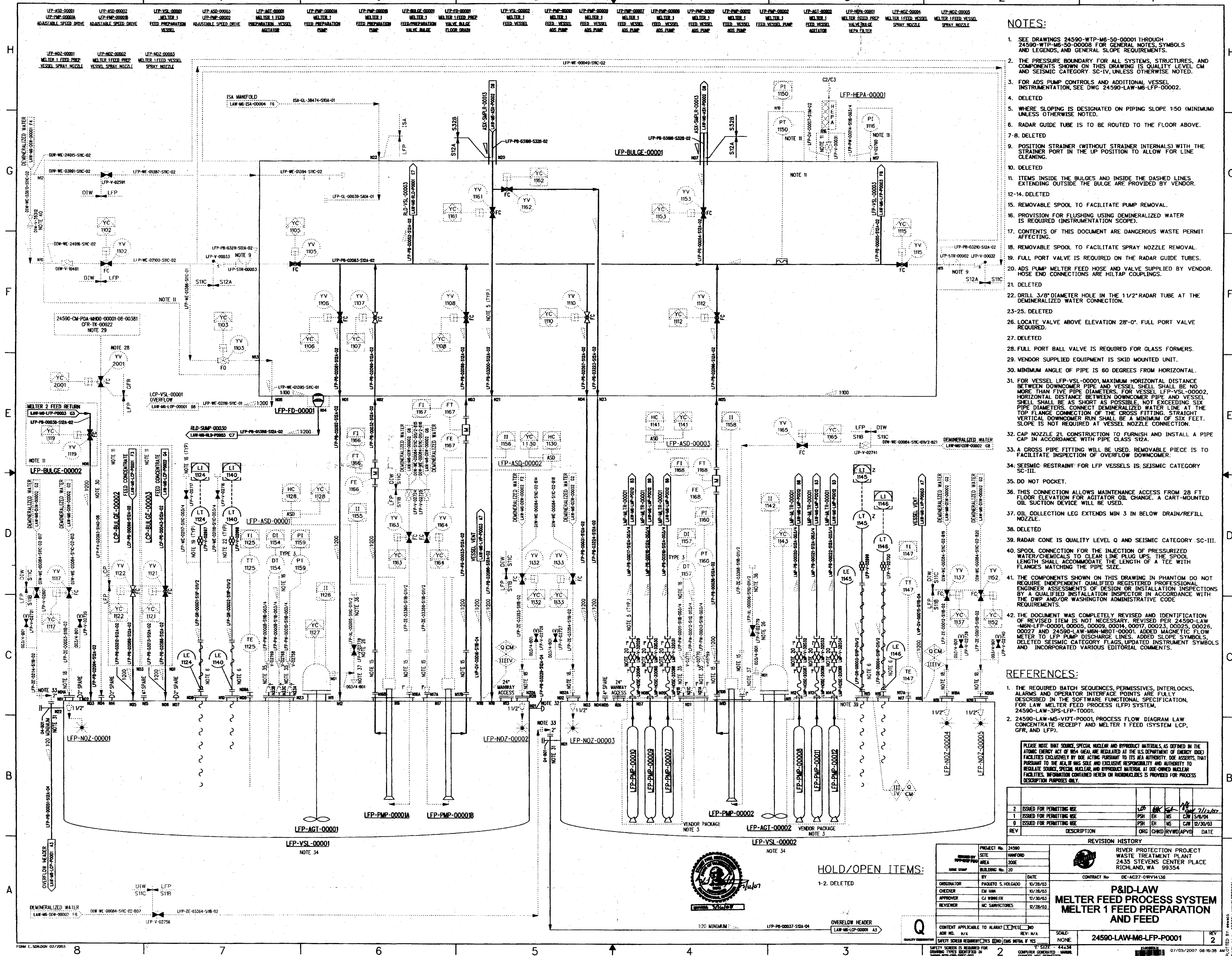
CONT

CONT

CONT

CONT

24590-LAW-M6-LFP-P0001



NOTES:

- SEE DRAWINGS 24590-WTP-M6-50-00001 THROUGH 24590-WTP-M6-50-00008 FOR GENERAL NOTES, SYMBOLS AND LEGENDS, AND GENERAL SLOPE REQUIREMENTS.
- THE PRESSURE BOUNDARY FOR ALL SYSTEMS, STRUCTURES, AND COMPONENTS SHOWN ON THIS DRAWING IS QUALITY LEVEL CM AND SEISMIC CATEGORY SC-IV, UNLESS OTHERWISE NOTED.
- FOR ADS PUMP CONTROLS AND ADDITIONAL VESSEL INSTRUMENTATION, SEE DWG 24590-LAW-M6-LFP-00002.
- DELETED
- WHERE SLOPING IS DESIGNATED ON PIPING SLOPE 1:50 (MINIMUM) UNLESS OTHERWISE NOTED.
- RADAR GUIDE TUBE IS TO BE ROUTED TO THE FLOOR ABOVE.
- DELETED
- POSITION STRAINER (WITHOUT STRAINER INTERNALS) WITH THE STRAINER PORT IN THE UP POSITION TO ALLOW FOR LINE CLEANING.
- DELETED
- ITEMS INSIDE THE BULGES AND INSIDE THE DASHED LINES, EXTENDING OUTSIDE THE BULGE ARE PROVIDED BY VENDOR.
- DELETED
- REMOVABLE SPOOL TO FACILITATE PUMP REMOVAL.
- PROVISION FOR FLUSHING USING DEMINERALIZED WATER IS REQUIRED (UNINSTRUMENTATION SCOPE).
- CONTENTS OF THIS DOCUMENT ARE DANGEROUS WASTE PERMIT AFFECTING.
- REMOVABLE SPOOL TO FACILITATE SPRAY NOZZLE REMOVAL.
- FULL PORT VALVE IS REQUIRED ON THE RADAR GUIDE TUBES.
- ADS PUMP MELTER FEED HOSE AND VALVE SUPPLIED BY VENDOR. HOSE END CONNECTIONS ARE HILTAPE COUPLINGS.
- DELETED
- DRILL 3/8" DIAMETER HOLE IN THE 1/2" RADAR TUBE AT THE DEMINERALIZED WATER CONNECTION.
- DELETED
- LOCATE VALVE ABOVE ELEVATION 28'-0". FULL PORT VALVE REQUIRED.
- DELETED
- FULL PORT BALL VALVE IS REQUIRED FOR GLASS FORMERS.
- VENDOR SUPPLIED EQUIPMENT IS SKID MOUNTED UNIT.
- MINIMUM ANGLE OF PIPE IS 60 DEGREES FROM HORIZONTAL.
- FOR VESSEL LFP-VSL-00001, MAXIMUM HORIZONTAL DISTANCE BETWEEN DOWNCOMER PIPE AND VESSEL SHELL SHALL BE NO MORE THAN FIVE PIPE DIAMETERS. FOR VESSEL LFP-VSL-00002, HORIZONTAL DISTANCE BETWEEN DOWNCOMER PIPE AND VESSEL SHELL SHALL BE AS SHORT AS POSSIBLE, NOT EXCEEDING SIX PIPE DIAMETERS. CONNECT DEMINERALIZED WATER LINE AT THE TOP FLANGE CONNECTION OF THE CROSS FITTING. STRAIGHT VERTICAL DOWNCOMER RUN SHALL BE A MINIMUM OF SIX FEET. SLOPE IS NOT REQUIRED AT VESSEL NOZZLE CONNECTION.
- CAP NOZZLE 21. CONSTRUCTION TO FURNISH AND INSTALL A PIPE CAP IN ACCORDANCE WITH PIPE CLASS S12A.
- A CROSS PIPE FITTING WILL BE USED. REMOVABLE PIECE IS TO FACILITATE INSPECTION OF OVERFLOW DOWNCOMER.
- SEISMIC RESTRAINT FOR LFP VESSELS IS SEISMIC CATEGORY SC-III.
- DO NOT POCKET.
- THIS CONNECTION ALLOWS MAINTENANCE ACCESS FROM 28 FT. FLOOR ELEVATION FOR AGITATOR OIL CHANGE. A CART-MOUNTED OIL SUCTION DEVICE WILL BE USED.
- OIL COLLECTION LEG EXTENDS MIN 3 IN BELOW DRAIN/REFILL NOZZLE.
- DELETED
- RADAR CONE IS QUALITY LEVEL Q AND SEISMIC CATEGORY SC-III.
- SPOOL CONNECTION FOR THE INJECTION OF PRESSURIZED WATER/CHEMICALS TO CLEAR LINE PLUG UPS. THE SPOOL LENGTH SHALL ACCOMMODATE THE LENGTH OF A TEE WITH FLANGES MATCHING THE PIPE SIZE.
- THE COMPONENTS SHOWN ON THIS DRAWING IN PHANTOM DO NOT REQUIRE INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER ASSESSMENTS OF DESIGN OR INSTALLATION INSPECTIONS BY A QUALIFIED INSTALLATION INSPECTOR IN ACCORDANCE WITH THE DWP AND/OR WASHINGTON ADMINISTRATIVE CODE REQUIREMENTS.
- THE DOCUMENT WAS COMPLETELY REVISED AND IDENTIFICATION OF REVISED ITEM IS NOT NECESSARY. REVISED PER 24590-LAW-M6-LFP-00001, 00005, 00009, 00014, 00017, 00023, 00025, 00026, 00028, 00031, 00034, 00037, 00041, 00044, 00047, 00051, 00054, 00057, 00061, 00064, 00067, 00071, 00074, 00077, 00081, 00084, 00087, 00091, 00094, 00097, 00101, 00104, 00107, 00111, 00114, 00117, 00121, 00124, 00127, 00131, 00134, 00137, 00141, 00144, 00147, 00151, 00154, 00157, 00161, 00164, 00167, 00171, 00174, 00177, 00181, 00184, 00187, 00191, 00194, 00197, 00201, 00204, 00207, 00211, 00214, 00217, 00221, 00224, 00227, 00231, 00234, 00237, 00241, 00244, 00247, 00251, 00254, 00257, 00261, 00264, 00267, 00271, 00274, 00277, 00281, 00284, 00287, 00291, 00294, 00297, 00301, 00304, 00307, 00311, 00314, 00317, 00321, 00324, 00327, 00331, 00334, 00337, 00341, 00344, 00347, 00351, 00354, 00357, 00361, 00364, 00367, 00371, 00374, 00377, 00381, 00384, 00387, 00391, 00394, 00397, 00401, 00404, 00407, 00411, 00414, 00417, 00421, 00424, 00427, 00431, 00434, 00437, 00441, 00444, 00447, 00451, 00454, 00457, 00461, 00464, 00467, 00471, 00474, 00477, 00481, 00484, 00487, 00491, 00494, 00497, 00501, 00504, 00507, 00511, 00514, 00517, 00521, 00524, 00527, 00531, 00534, 00537, 00541, 00544, 00547, 00551, 00554, 00557, 00561, 00564, 00567, 00571, 00574, 00577, 00581, 00584, 00587, 00591, 00594, 00597, 00601, 00604, 00607, 00611, 00614, 00617, 00621, 00624, 00627, 00631, 00634, 00637, 00641, 00644, 00647, 00651, 00654, 00657, 00661, 00664, 00667, 00671, 00674, 00677, 00681, 00684, 00687, 00691, 00694, 00697, 00701, 00704, 00707, 00711, 00714, 00717, 00721, 00724, 00727, 00731, 00734, 00737, 00741, 00744, 00747, 00751, 00754, 00757, 00761, 00764, 00767, 00771, 00774, 00777, 00781, 00784, 00787, 00791, 00794, 00797, 00801, 00804, 00807, 00811, 00814, 00817, 00821, 00824, 00827, 00831, 00834, 00837, 00841, 00844, 00847, 00851, 00854, 00857, 00861, 00864, 00867, 00871, 00874, 00877, 00881, 00884, 00887, 00891, 00894, 00897, 00901, 00904, 00907, 00911, 00914, 00917, 00921, 00924, 00927, 00931, 00934, 00937, 00941, 00944, 00947, 00951, 00954, 00957, 00961, 00964, 00967, 00971, 00974, 00977, 00981, 00984, 00987, 00991, 00994, 00997, 01001, 01004, 01007, 01011, 01014, 01017, 01021, 01024, 01027, 01031, 01034, 01037, 01041, 01044, 01047, 01051, 01054, 01057, 01061, 01064, 01067, 01071, 01074, 01077, 01081, 01084, 01087, 01091, 01094, 01097, 01101, 01104, 01107, 01111, 01114, 01117, 01121, 01124, 01127, 01131, 01134, 01137, 01141, 01144, 01147, 01151, 01154, 01157, 01161, 01164, 01167, 01171, 01174, 01177, 01181, 01184, 01187, 01191, 01194, 01197, 01201, 01204, 01207, 01211, 01214, 01217, 01221, 01224, 01227, 01231, 01234, 01237, 01241, 01244, 01247, 01251, 01254, 01257, 01261, 01264, 01267, 01271, 01274, 01277, 01281, 01284, 01287, 01291, 01294, 01297, 01301, 01304, 01307, 01311, 01314, 01317, 01321, 01324, 01327, 01331, 01334, 01337, 01341, 01344, 01347, 01351, 01354, 01357, 01361, 01364, 01367, 01371, 01374, 01377, 01381, 01384, 01387, 01391, 01394, 01397, 01401, 01404, 01407, 01411, 01414, 01417, 01421, 01424, 01427, 01431, 01434, 01437, 01441, 01444, 01447, 01451, 01454, 01457, 01461, 01464, 01467, 01471, 01474, 01477, 01481, 01484, 01487, 01491, 01494, 01497, 01501, 01504, 01507, 01511, 01514, 01517, 01521, 01524, 01527, 01531, 01534, 01537, 01541, 01544, 01547, 01551, 01554, 01557, 01561, 01564, 01567, 01571, 01574, 01577, 01581, 01584, 01587, 01591, 01594, 01597, 01601, 01604, 01607, 01611, 01614, 01617, 01621, 01624, 01627, 01631, 01634, 01637, 01641, 01644, 01647, 01651, 01654, 01657, 01661, 01664, 01667, 01671, 01674, 01677, 01681, 01684, 01687, 01691, 01694, 01697, 01701, 01704, 01707, 01711, 01714, 01717, 01721, 01724, 01727, 01731, 01734, 01737, 01741, 01744, 01747, 01751, 01754, 01757, 01761, 01764, 01767, 01771, 01774, 01777, 01781, 01784, 01787, 01791, 01794, 01797, 01801, 01804, 01807, 01811, 01814, 01817, 01821, 01824, 01827, 01831, 01834, 01837, 01841, 01844, 01847, 01851, 01854, 01857, 01861, 01864, 01867, 01871, 01874, 01877, 01881, 01884, 01887, 01891, 01894, 01897, 01901, 01904, 01907, 01911, 01914, 01917, 01921, 01924, 01927, 01931, 01934, 01937, 01941, 01944, 01947, 01951, 01954, 01957, 01961, 01964, 01967, 01971, 01974, 01977, 01981, 01984, 01987, 01991, 01994, 01997, 02001, 02004, 02007, 02011, 02014, 02017, 02021, 02024, 02027, 02031, 02034, 02037, 02041, 02044, 02047, 02051, 02054, 02057, 02061, 02064, 02067, 02071, 02074, 02077, 02081, 02084, 02087, 02091, 02094, 02097, 02101, 02104, 02107, 02111, 02114, 02117, 02121, 02124, 02127, 02131, 02134, 02137, 02141, 02144, 02147, 02151, 02154, 02157, 02161, 02164, 02167, 02171, 02174, 02177, 02181, 02184, 02187, 02191, 02194, 02197, 02201, 02204, 02207, 02211, 02214, 02217, 02221, 02224, 02227, 02231, 02234, 02237, 02241, 02244, 02247, 02251, 02254, 02257, 02261, 02264, 02267, 02271, 02274, 02277, 02281, 02284, 02287, 02291, 02294, 02297, 02301, 02304, 02307, 02311, 02314, 02317, 02321, 02324, 02327, 02331, 02334, 02337, 02341, 02344, 02347, 02351, 02354, 02357, 02361, 02364, 02367, 02371, 02374, 02377, 02381, 02384, 02387, 02391, 02394, 02397, 02401, 02404, 02407, 02411, 02414, 02417, 02421, 02424, 02427, 02431, 02434, 02437, 02441, 02444, 02447, 02451, 02454, 02457, 02461, 02464, 02467, 02471, 02474, 02477, 02481, 02484, 02487, 02491, 02494, 02497, 02501, 02504, 02507, 02511, 02514, 02517, 02521, 02524, 02527, 02531, 02534, 02537, 02541, 02544, 02547, 02551, 02554, 02557, 02561, 02564, 02567, 02571, 02574, 02577, 02581, 02584, 02587, 02591, 02594, 02597, 02601, 02604, 02607, 02611, 02614, 02617, 02621, 02624, 02627, 02631, 02634, 02637, 02641, 02644, 02647, 02651, 02654, 02657, 02661, 02664, 02667, 02671, 02674, 02677, 02681, 02684, 02687, 02691, 02694, 02697, 02701, 02704, 02707, 02711, 02714, 02717, 02721, 02724, 02727, 02731, 02734, 02737, 02741, 02744, 02747, 02751, 02754, 02757, 02761, 02764, 02767, 02771, 02774, 02777, 02781, 02784, 02787, 02791, 02794, 02797, 02801, 02804, 02807, 02811, 02814, 02817, 02821, 02824, 02827, 02831, 02834, 02837, 02841, 02844, 02847, 02851, 02854, 02857, 02861, 02864, 02867, 02871, 02874, 02877, 02881, 02884, 02887, 02891, 02894, 02897, 02901, 02904, 02907, 02911, 02914, 02917, 02921, 02924, 02927, 02931, 02934, 02937, 02941, 02944, 02947, 02951, 02954, 02957, 02961, 02964, 02967, 02971, 02974, 02977, 02981, 02984, 02987, 02991, 02994, 02997, 03001, 03004, 03007, 03011, 03014, 03017, 03021, 03024, 03027, 03031, 03034, 03037, 03041, 03044, 03047, 03051, 03054, 03057, 03061, 03064, 03067, 03071, 03074, 03077, 03081, 03084, 03087, 03091, 03094, 03097, 03101, 03104, 03107, 03111, 03114, 03117, 03121, 03124, 03127, 03131, 03134, 03137, 03141, 03144, 03147, 03151, 03154, 03157, 03161, 03164, 03167, 03171, 03174, 03177, 03181, 03184, 03187, 03191, 03194, 03197, 03201, 03204, 03207, 03211, 03214, 03217, 03221, 03224, 03227, 03231, 03234, 03237, 03241, 03244, 03247, 03251, 03254, 03257, 03261, 03264, 03267, 03271, 03274, 03277, 03281, 03284, 03287, 03291, 03294, 03297, 03301, 03304, 03307, 03311, 03314, 03317, 03321, 03324, 03327, 03331, 03334, 03337, 03341, 03344, 03347, 03351, 03354, 03357, 03361, 03364, 03367, 03371, 03374, 03377, 03381, 03384, 03387, 03391, 03394, 03397, 03401, 03404, 03407, 03411, 03414, 03417, 03421, 03424, 03427, 03431, 03434, 03437, 03441, 03444, 03447, 03451, 03454, 03457, 03461, 03464, 03467, 03471, 03474, 03477, 03481, 03484, 03487, 03491, 03494, 03497, 03501, 03504, 03507, 03511, 03514, 03517, 03521, 03524, 03527, 03531, 03534, 03537, 03541, 03544, 03547, 03551, 03554, 03557, 03561, 03564, 03567, 03571, 03574, 03577, 03581, 03584, 03587, 03591, 03594, 03597, 03601, 03604, 03607, 03611, 03614, 03617, 03621, 03624, 03627, 03631, 03634, 03637, 03641, 03644, 03647, 03651, 03654, 03657, 03661, 03664, 03667, 03671, 03674, 03677, 03681, 03684, 03687, 03691, 03694, 03697, 03701, 03704, 03707, 03711, 03714, 03717, 03721, 03724, 03727, 03731, 03734, 03737, 03741, 03744, 03747, 03751, 03754, 03757, 03761, 03764, 03767, 03771, 03774, 03777, 03781, 03784, 03787, 03791, 03794, 03797, 03801, 03804, 03807, 03811, 03814, 03817, 03821, 03824, 03827, 03831, 03834, 03837, 03841, 03844, 03847, 03851, 03854, 03857, 03861, 03864, 03867, 03871, 03874, 03877, 03881, 03884, 03887, 03891, 03894, 03897, 03901, 03904, 03907, 03911, 03914, 03917, 03921, 03924, 03927, 03931, 03934, 03937, 03941, 03944, 03947, 03951, 03954, 03957, 03961, 03964, 03967, 03971, 03974, 03977, 03981, 03984, 03987, 03991, 03994, 03997, 04001, 04004, 04007, 04011, 04014, 04017, 04021, 04024, 04027, 04031, 04034, 04037, 04041, 04044, 04047, 04051, 04054, 04057, 04061, 04064, 04067, 04071, 04074, 04077, 04081, 04084, 04087, 04091, 04094, 04097, 04101, 04104, 04107, 04111, 04114, 04117, 04121, 04124, 04127, 04131, 04134, 04137, 04141, 04144, 04147, 04151, 04154, 04157, 04161, 04164, 04167, 04171, 04174, 04177, 04181, 04184, 04187, 04191, 04194, 04197, 04201,

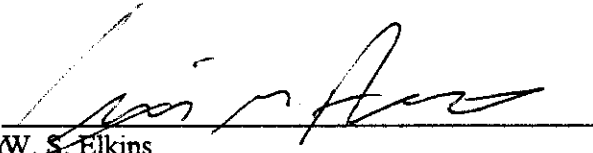
Attachment 2
07-ESQ-130

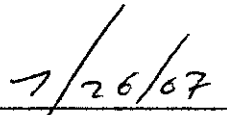
Bechtel National, Inc. Certification Statement

Bechtel National, Inc. Certification

The following certification statement is provided consistent with Contract No. DE-AC27-01RV14136, Section H.26, Environmental Permits, paragraph (g) for the submittal of the Hanford Facility Resource Conservation and Recovery Act Permit Modification Notification Form 24590-LAW-PCN-ENV-07-001

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


W. S. Elkins
Project Director


Date